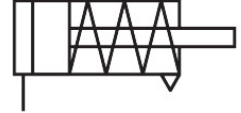


# Flat cylinder EZH-5/20-50-B

Part number: 164994

FESTO



 General operating condition

## Data sheet

| Feature                                                      | Value                                                                                      |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Stroke                                                       | 50 mm                                                                                      |
| Piston diameter                                              | 12 mm<br>Equivalent diameter                                                               |
| Cushioning                                                   | No cushioning                                                                              |
| Mounting position                                            | optional                                                                                   |
| Mode of operation                                            | Pushing<br>Single-acting                                                                   |
| Design                                                       | Rectangular piston rod                                                                     |
| Position detection                                           | Without                                                                                    |
| Symbol                                                       | 00991200                                                                                   |
| Protection against torque/guide                              | Rectangular piston rod                                                                     |
| Operating pressure                                           | 0.25 MPa ... 0.6 MPa                                                                       |
| Operating pressure                                           | 2.5 bar ... 6 bar                                                                          |
| Operating medium                                             | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Note on operating and pilot medium                           | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                               | 2 - Moderate corrosion stress                                                              |
| LABS (PWIS) conformity                                       | VDMA24364-B2-L                                                                             |
| Ambient temperature                                          | 0 °C ... 60 °C                                                                             |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 49 N                                                                                       |
| Theoretical min. spring return force                         | 10.6 N                                                                                     |
| Theoretical max. spring return force                         | 13.6 N                                                                                     |
| Product weight                                               | 145 g                                                                                      |
| Type of mounting                                             | With transverse bore                                                                       |
| Pneumatic connection                                         | Barbed fitting PK-3                                                                        |
| Material cover                                               | Aluminium                                                                                  |
| Material seals                                               | NBR                                                                                        |
| Material housing                                             | Aluminium                                                                                  |
| Material piston rod                                          | Steel<br>Nickel-plated                                                                     |